



# Product Evaluation

WIN1995 | 0515

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** WIN-1995

**Effective Date:**

May 1, 2015

**Re-evaluation Date:**

June 2017

**Product Name:** 400 Series Clad Wood Casement Picture Windows, Impact Resistant

**Manufacturer:** FrontLine Building Products  
610 Jensen Drive  
Medford, WI 54451  
(800) 223-4792

## General Description:

| System | Description                                   | Label Rating                        | Design Pressure Rating |
|--------|---|-------------------------------------|------------------------|
| 1      | 400 Series Clad Wood Casement Picture Windows | CW-PG80 48x72-FW<br>Missile Level D | +80 / -80 psf          |

## Product Dimensions:

| System | Overall Size | Fixed Sash Size |
|--------|--------------|-----------------|
| 1      | 48" x 72"    | 46" x 70"       |

## Product Identification (Certification Label on Window):

| System |                                  |  |
|--------|----------------------------------|--|
| 1      | Certification Agency             | WDMA   |
|        | Manufacturer's Name or Code Name | FrontLine Building Products  |
|        | Product Name                     | 400 Clad CA Pict Window IP   |
|        | Test Standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-11<br>ASTM E 1886-05, ASTM E 1996-12<br>Missile Level D |

**Impact Resistance:**

| System | Impact Resistant | Requirement  |
|--------|------------------|--|
| 1      | Yes              | These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies. |

**Installation:**

| System |                           |  |
|--------|---------------------------|--|
| 1      | Type of Installation      | Nail Fin Installation  |
|        | Wall Framing              | Spruce-Pine-Fir Dimension lumber   |
|        | Fasteners                 | No. 8 PFH washer head screws   |
|        | Fastener Location/Spacing | Approximately 5-1/2" from each corner and approximately 8" on center along the perimeter |
|        | Fastener Penetration      | Minimum 1-1/2" into the wall framing   |

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.